



# Hunters Point Radiological Program Update

Hunters Point Naval Shipyard  
BCT Meeting  
November 1, 2012



# Overview



## Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
  - Parcel C Phase I
  - Parcel C Phase II
  - Parcel E 500-Series
  - Parcel C Buildings 253 and 211
  - Parcel D-1
- Status of Radiological RACRs
- IR 7/18 Update



NA

# 2012 Radiological Projects





## Parcel C Phase I Building and Site Surveys



Building 214

- Received free release letter

Building 271

- Received free release letter

North Pier

- Additional sampling for 5 of 14 survey units

Building 272

- Received free release letter

Buildings 203

- Received free release letter

Building 241

- Received free release letter



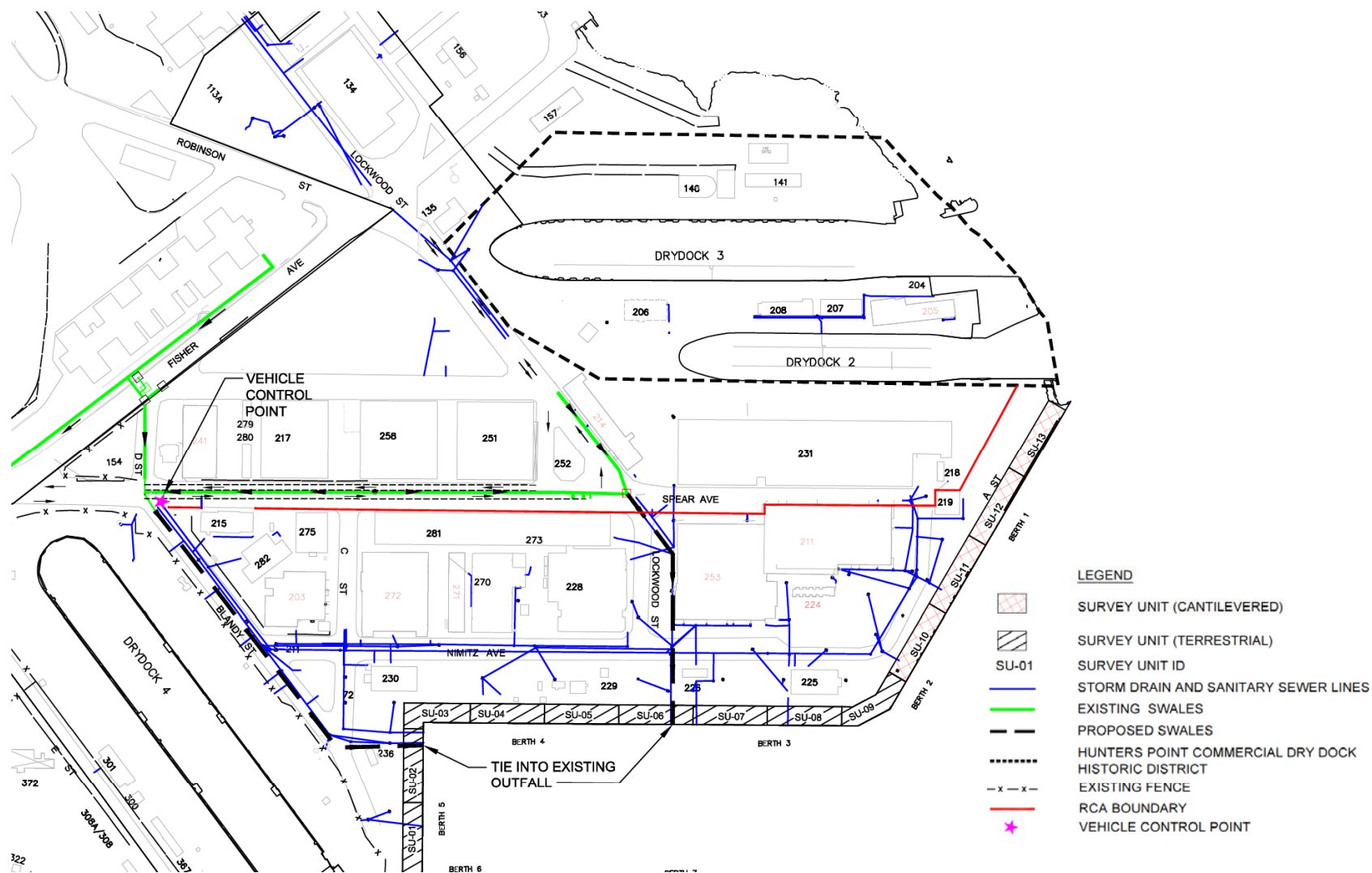
## Parcel C Phase II



- The Parcel C Phase II scope includes:
  - The removal of the remaining 14,300 linear feet of SS/SD lines
  - Survey of Ships Berths 1 through 5
  - Installation of storm water swales



# Parcel C Phase II





## Parcel C Phase II Work Plans/Field Work



- The Internal Draft Plans for Parcel C Phase II are under Navy review:
  - Execution Plan
  - SS/SD Removal Design Plan
  - Archeological Monitoring and Discovery Plan
- The Final Site Safety and Health Plan was submitted on October 19
- A TSP is being developed for the surveying of Ship Berths 1 through 5
- Site preparation and mobilization are underway.
  - Once the above listed plans have been finalized, survey activities will start.



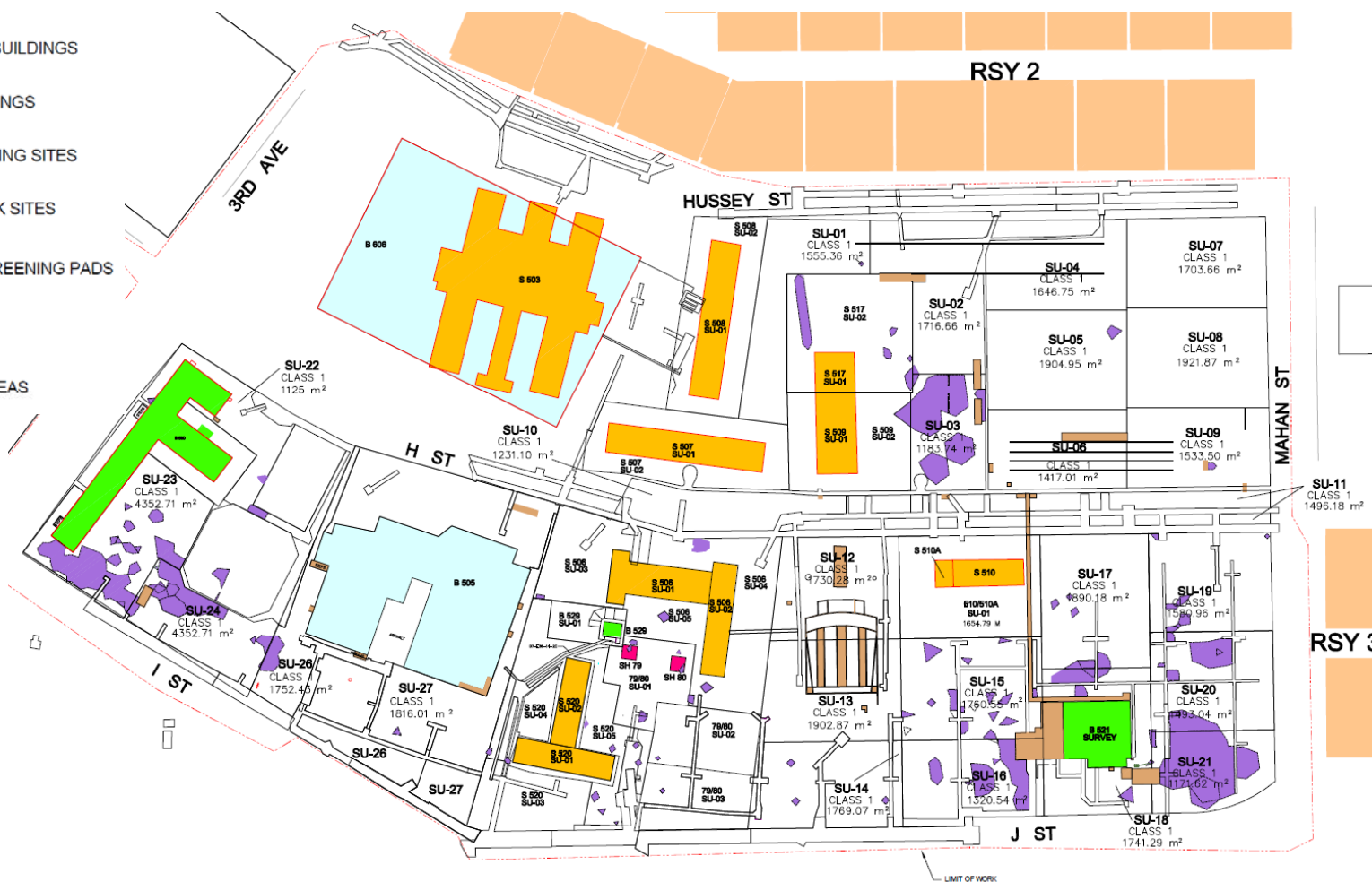


# Impacted Building and Sites Within Parcel E 500 Series Area



## LEGEND

- SU-01 SURVEY UNIT
- B- NON-IMPACTED BUILDINGS
- B- IMPACTED BUILDINGS
- S- IMPACTED BUILDING SITES
- S- IMPACTED SHACK SITES
- RSY 2 AND 3 SCREENING PADS
- CONCRETE
- REMEDIATED AREAS







## Parcel E 500 Series Building and Site Surveys



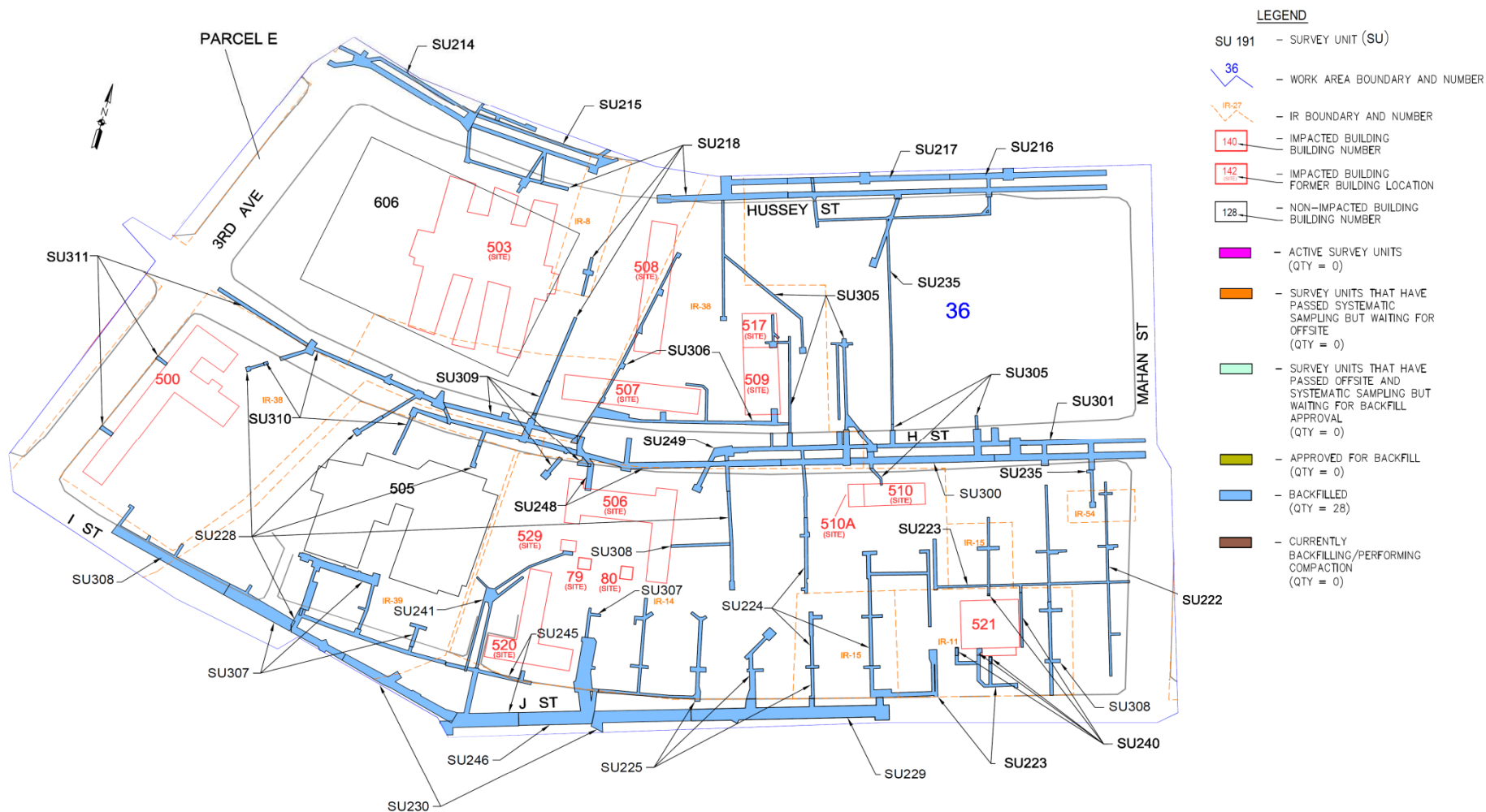
Former Building Site 503	• Internal Draft FSS Review
Former Building Site 507	• Preparing Draft FSS
Former Building Site 508	• Preparing Draft FSS
Former Building Site 509	• Final FSS Submitted
Former Building Site 517	• Additional field work required
Building 500	• Final FSS Submitted
Building 521	• Final FSS Submitted
Former Building Site 520	• Internal Draft FSS Review
Former Building Site 506	• Internal Draft FSS Review
Former Building Sites 510/510A	• Final FSS Submitted
Former Building Site 529	• Final FSS Submitted
Former Shacks 79/80	• Additional field work required
500 Area Site	• Additional field work required- 2 SUs remaining



## Parcel E 500 Series Storm Drain & Sewer Removals



- COMPLETE! ---Parcel E 500 Series SS/SD line removal and survey
  - 16,119 linear feet of SS/SD lines were removed
  - 28,176 cubic yards excavated
  - 24 of 24 active survey units have been restored





## Parcel E Remaining Field Activities



### Parcel E 500 Area:

- Replace asphalt along southern side of Building 606
- Continue with the survey, sampling, and remediation activities within the 500 Series Area, B-517, and B-79/80

### Building 707 Triangle Area

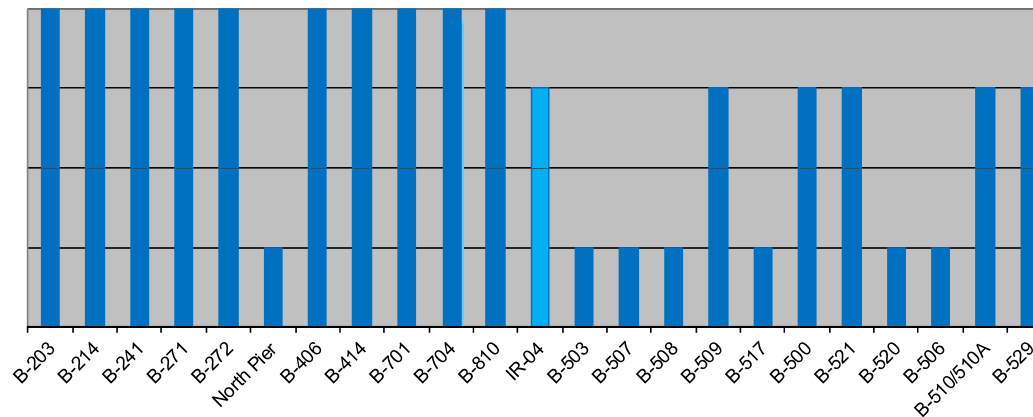
- Drafting Internal Draft FSS



## Parcel C & E Buildings/Sites FSS Report Status



Free-Released  
Final  
Draft  
Internal Draft  
(Data under review)



Waiting for concurrence for  
Free-Release determination





## Crisp Road/Interior Parcel E Building and Site Surveys



Building 414

- Received free release

Site 701

- Received free release

Site 704

- Received free release

IR-04 & Site 807

- Confirmation samples provided to CDPH

UC-3 (Crisp Rd.)  
Radiological RACR

- Confirmation samples provided to CDPH





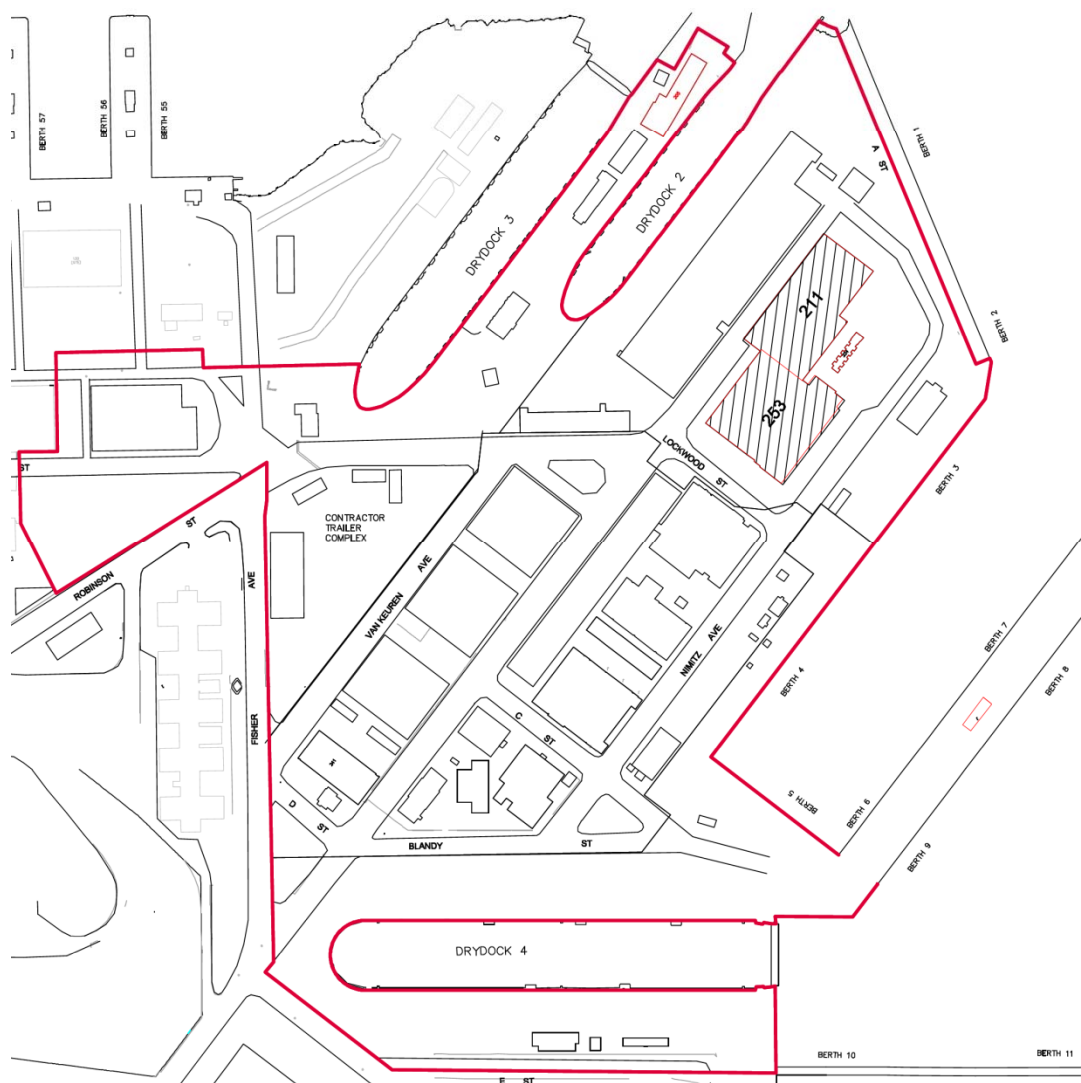
## Parcel C Buildings 253 and 211



- Radiological Survey of Buildings 253 and 211 was awarded to TtEC September 2012
- The scope includes:
  - Radiological surveys of Buildings 253 and 211 to identify and characterize the extent of discovered or previously known contamination.
  - No remediation is included as part of this scope.
  - Activities include asbestos abatement, material/equipment surveys, and vent and drain surveys.
  - At the completion of the radiological surveys, characterization reports will be submitted for each building.



# Parcel C Buildings 253 and 211



## LEGEND

-  PARCEL C BOUNDARY
-  BUILDINGS TO BE SURVEYED



## Parcel C Building 253 and 211



- The Internal Draft Plans for Buildings 253 and 211 are under Navy review:
  - Execution Plan
  - Health and Safety Plan
- TSPs are being developed for the surveying of Buildings 253 and 211.



Building 253 - Typical of the type of material and equipment on each floor which will require survey prior to disposal or reuse.



## Parcel D-1 Status



- Gun Mole Pier
  - Radiological survey and sampling work completed (October 2012)
    1. Continue reviewing and formatting sample data as part of report preparation. Some offsite sampling data still pending
    2. Remediation of final 2 impacted SUs (SU 24 and 77) for cesium-137 and backfill placement complete
    3. Final gamma walk over 100% complete
      - Commodity found in SU-23. Awaiting isotopic identification in laboratory
      - Soil where commodity found was remediated and post remediation samples taken
    4. Commenced recycled (crushed) asphalt placement (35% complete)
- South Pier
  - Radiological survey and sampling work completed (October 2012)
    1. Final GWS 100% complete; no new note-worthy findings
    2. Commenced recycled (crushed) asphalt placement (90% complete)





## Parcel D-1 Current Field Work Status (cont'd)



**Gun Mole Pier – Asphalt placement  
Oct 2012**



**South Pier – Asphalt placement and  
distribution along site features  
Oct 2012**



## Parcel D-1 Current Status



- Building 383 Area
  - Draft FSS Report planned for Nov 2012
- Building 313, 313A & 322 Sites
  - Draft FSS Report planned for Nov 2012
- Building 274
  - Final FSS Report submitted Oct 10
  - Building awaiting CDPH confirmatory survey
- Gun Mole Pier and South Pier
  - Draft Gun Mole Pier and South Pier FSS reports planned for Jan 2012

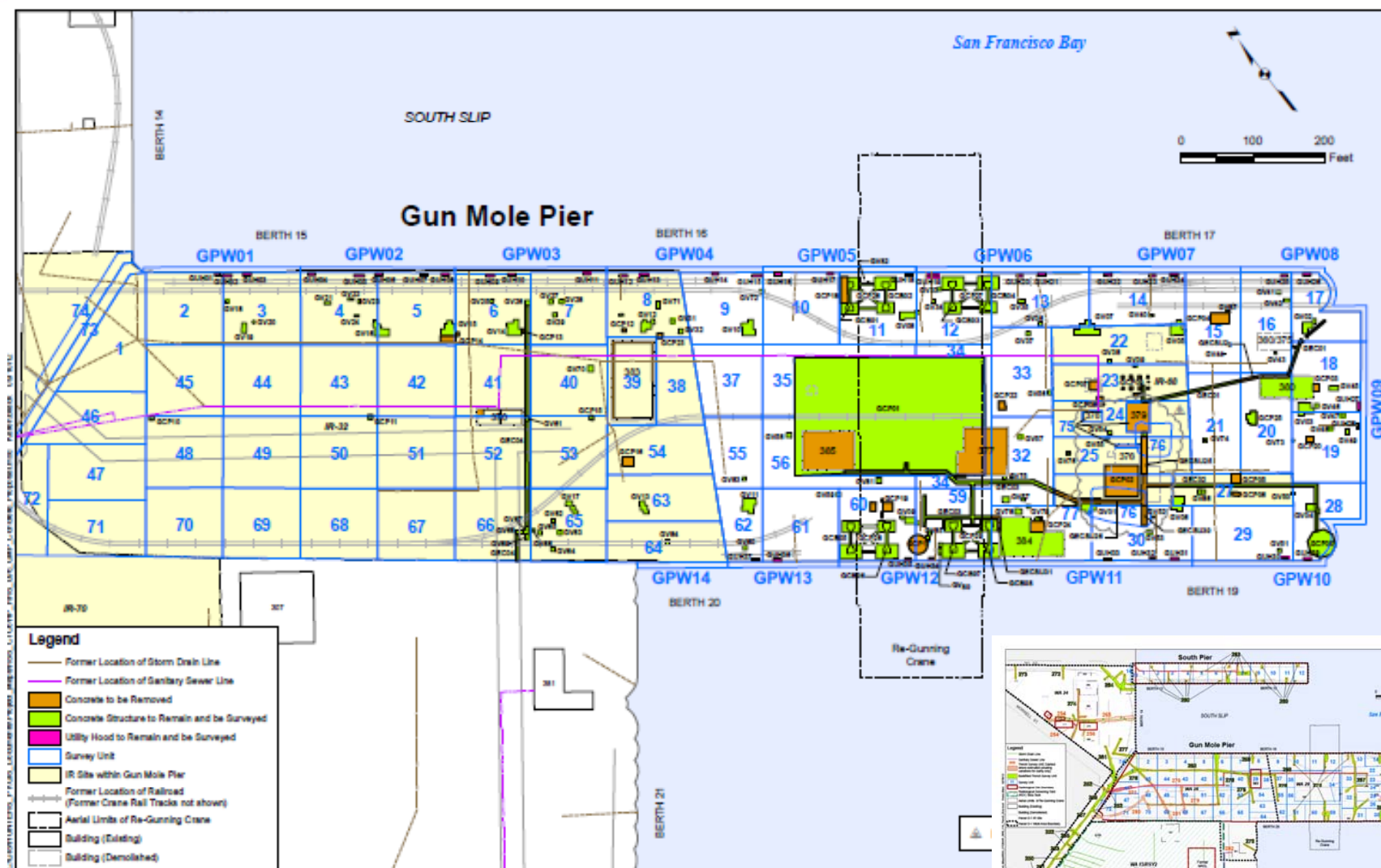


Former Building 383 Area looking northwest – site surveyed and cleared as part of the Gun Mole Pier work. Large crushed asphalt pile from Gun Mole Pier in background.



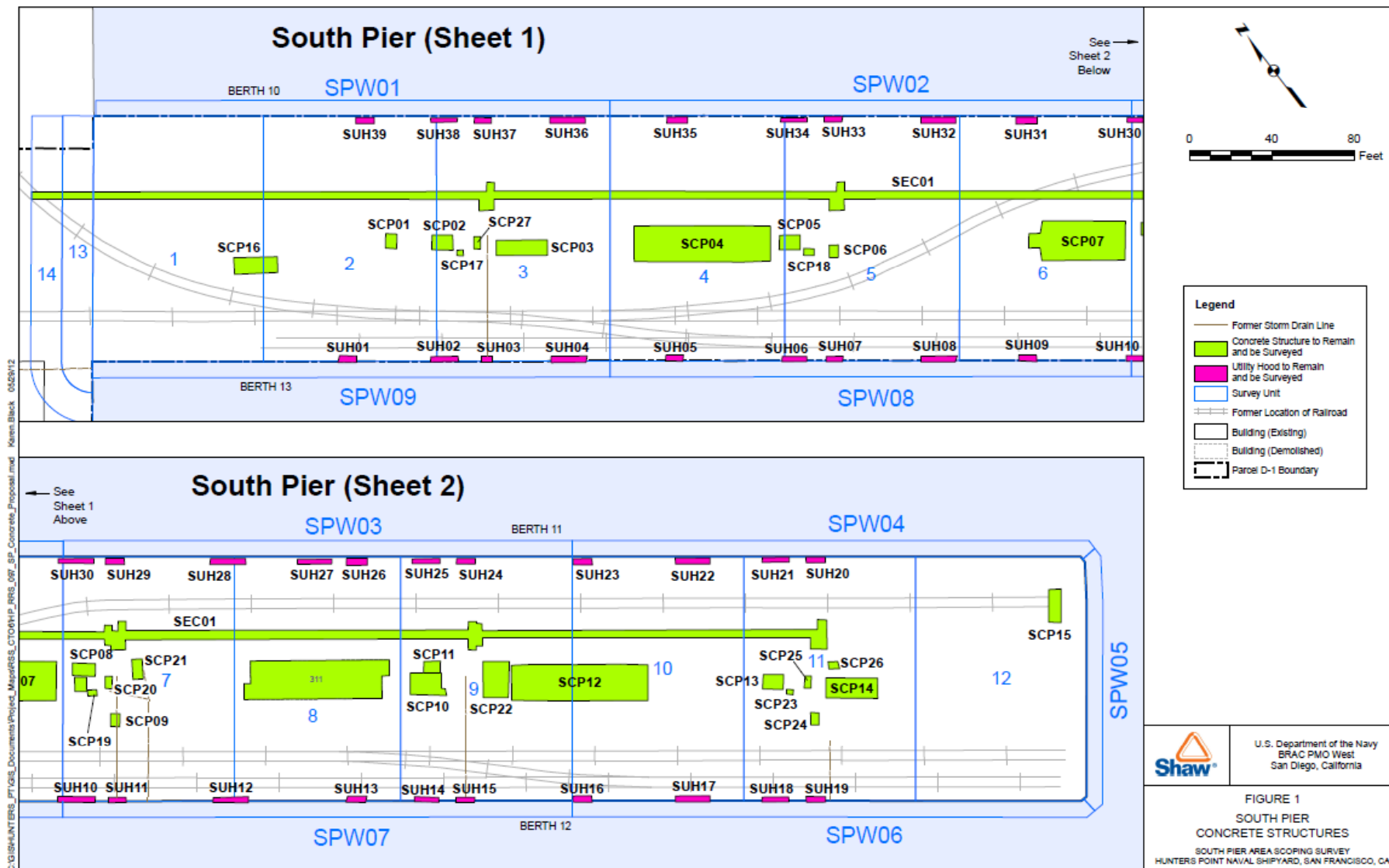


# Parcel D-1 Gun Mole Pier Concrete Structures Overview





# Parcel D-1 South Pier Concrete Structures Overview





## Parcel D-1 Current Status (cont'd)



- Storm Drain and Sanitary Sewer Removal
  - Removal 100% complete
  - Last Draft SUPR Package (#107) submitted Oct 29



Sanitary sewers and drains removed from Building 274 as part of the Parcel D-1 work (SU 256 – included in Draft SUPR Pack #107)



## Status of Radiological RACRs



- Final **Parcel UC-3** Rad RACR issued March 2012
  - Awaiting free release letter



## IR 7/18 Modeling Update



- The CDPH issued a letter of “no further comment” on the Draft version of the Tech Memo
- Navy has requested a new letter sent to the attention of Keith Forman
- When is the re-issued letter anticipated?



Comments, Questions, Concerns ???